



Bellofram Silicones, Inc.
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6504-NSF NSF/ANSI 51 CERTIFIED SOLID SILICONE EXTRUDED PRODUCTS

DESCRIPTION

Bellofram Silicones 6504-NSF is a 50 Shore "A" durometer, FDA Compliant and NSF/ANSI 51 Certified solid food grade silicone rubber elastomer product, available in both standard and custom extruded profiles. They are designed for applications that require FDA compliance and where resistance to temperature extremes is important.

Contact us at siliconesRFQ@bellofram.com for a product sample or quotation.



FEATURES

- Excellent gasketing material
- Resistance to temperature extremes
- Ultraviolet ray (UV) resistant
- Ozone resistant
- Non-toxic

MATERIAL SPECIFICATIONS

- ASTM D2000 M1GE505
- 21CFR177.2600
- FDA Compliant
- NSF/ANSI 51 Certified

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	SPECIFICATION
Durometer	Shore "A"	50 ± 5
Tensile Strength MPa (psi)		930
Heat Age (70 Hours @ +225° C)		Change in Tensile Strength, +/-30% Change in Elongation, -50% Change in Durometer, +/-15 pts
Compression Set (22 Hours @ +175°C)		59%
Oil Immersion (IRM 903 70 Hours @ +150°C)		Volume change +61%
Temperature Resistance (Continuous) (°F)		-85° to +400 °F

Data noted above is based on laboratory tests and should be used as a reference only. Further information and additional specifications are available upon request. Tests, claims, representations, and descriptions regarding flammability are based on standard laboratory tests, and they may not be reliable for determining, evaluating, predicting, or describing the flammability or burning characteristics under actual fire conditions, whenever used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.